FM2-DP Performance Certificate

	11-11-1994		DARD CALIB	RATION	SPECIAL CALIBRATION			
MODEL 374		N repp	N FORD					
SERIAL NO.	215591	% FSPR	RUN 1	RUN 2		RUN 1	RUN 2	
REFERENCE	3745AM5AX990	A 0	3.995					
INPUT	24 VDC	N 20 C						
OUTPUT	4-20 mA	R 40 E A S 60						
FSPR	0-100 PSID	\$ 60						
FULL SCALE PR	RESSURE RANGE	N 80						
WIRING CONNECTIONS + INPUT		100	20.000					
	- INPUT + OUTPUT	D 80						
	- OUTPUT	C 60						
PIN A PIN B PIN C	-PWR./SIG.	D 80 E 60 R E 40 S						
PIN D PINS	CALIBRATE	N 20						
11110	HO COMM.	G 0	3.993					

FIELD CALIBRATION PRESSURE= 80.04374 PSI D

CALIBRATION CIRCUIT

An advantage of Viatran strain gage pressure sensors is that the gain or span of the readout system can be set without applying a known pressure input. The system setup can be accomplished by using a calibrate circuit as explained below.

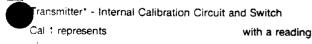
INTERNAL CIRCUIT

Most sensor models are supplied with an internal shunt calibrate circuit either as a standard or by special order. If this sensor has the circuit included, it will be noted below. Simply shorting the proper pins will produce the calibration output signal listed.

EXTERNAL CIRCUIT

is the sensor does not include the calibration circuit, the same type calibration can be accomplished by connecting a resistor of the value indicated across ce proper pins. This technique is accurate for cable lengths of up to 200 ft.

X	Transducer - int	ernal Calibrati	on		
	Shorting pinsC		&	D	will produce
	³ 16.804	mA		_	calibration output signal.
	Transducer - Ex	ternal Calibrat	ion		
	Connecting				ohms across
	pins	&			will produce
	а				calibration output signal.



Cal 2 represents

with a reading

NOTE: All calibrations should be performed only after the transducer has been adjusted for zero at zero pressure.

WARRANTY

Viatran Corporation warrants that its products shall be free from defective part and workmanship for a period of twelve (12) months from date of original shipment provided that Viatran's obligation hereunder shall be limited to correcting an defective workmanship and/or replacing any defective material F.O.B. destination.

A repair is warranted ninety (90) days from repair date under conditions of original particular and the supercollections of the supercoll

warranty period unless superseded by original warranty period. If inspection by the Company of such product does not disclose any defect of workmanship or material, the Company's regular charges will apply. This warranty carries no liability, either expressed or implied, beyond our obligation to replace the unit which carries the warranty. This warranty is in lieu of all other warranty. expressed or implied, beyond our obligation to replace the unit which carries warranty. This warranty is in lieu of all other warranties of merchantability or fitness. No allowance will be made for any expense incurred for correcting any defective material without written consent by Viatran. Unit must be shipped to the Company, transportation prepaid, and return authorization number must be referenced on the package to assure acceptance at our shipping dock. Price specifications and decisions subject to change without notice.

The Company shall not be liable for and the Purchaser assumes and agrees to the contract of the company shall not be liable for and the purchaser assumes and agrees to the contract of the company shall not be liable for and the purchaser assumes and agrees to the contract of the con

demnify and save harmless the Company in respect to any loss or damage that me

arise through the use by the Purchaser, or others, of any of the Company's product.

This warranty is void if the product is subjected to misuse, accident, neglect. improper application, installation or operation. This warranty is void if prior defects materials or workmanship repairs are made by anyone except Viatran or its authorize service agency

REPAIR

Most Viatran sensors have been designed to be easily repaired and recalibrated necessary. If a failure occurs, the sensor should be returned to the factory for inspectie necessary. If a fatture occurs, the sensor should be returned to the factory for inspection and testing. If the sensor failure is covered by our one year warranty policy, the unit wise repaired as necessary and reshipped without delay. Sensors usually not covered warranty can be repaired within four to six weeks for approximately thirry to sixty percent of the purchase price. Simple repairs can often be made for minimum charge. Units should be returned to the attention of the Repair Department, after obtaining return authorization number from the customer service desk at (716) 773-1700.

QUALITY ASSURANCE



